

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/994,130</u>	Prepared by <u>Lois Stone</u>	Tracking Number <u>6006910</u>	
Examiner-GAU <u>Everhart - 2825</u>	Date <u>10/4/04</u>	Week Date <u>9/6/04</u>	
	No. of queries <u>1</u>	<u>IFW</u>	

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
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- f. Punctuation
- g. Amendments
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MESSAGE

Renumbered claim 16 (original claim 31)
depends on canceled original claim 17,
in the claims dated 8/5/2004

Thank you,

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RESPONSE

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15

Claim 16. (previously amended) The method of claim 1 wherein the polymer is a negative resist.

Claim 17-30. (cancelled)

16

Claim 31. (currently amended) A method of forming a positive or negative photoresist relief image, comprising:

(a) applying a coating layer of a photoresist ~~composition~~ of claim 17 on a substrate, ←
~~the photoresist composition comprising a photoactive component and a resin comprising a polymer that comprises repeat units of:~~

~~1) an active methylene or aldehyde or other carbonyl compound that forms an acetal group in a polymerization or co-polymerization reaction; and~~

~~2) a polyol or thiol that reacts with the methylene or aldehyde or other carbonyl compound to form the acetal group; and~~

(b) exposing and developing the photoresist layer to yield a positive-tone relief image, wherein the photoresist layer is exposed with radiation having a wavelength of less than about 300 nm.

Claims 32-37. (cancelled)

8/5/04